

PATENT

Amendments to the Claims:

This listing of claims will replace all prior version, and listings, of claims in the application:

Listing of Claims:

Claim 1 (currently amended): An apparatus for displaying registered information using embedded data, comprising:

an image capture device for capturing a first image of a substrate having first visible data and embedded data embodied thereon;

a decoder for decoding the embedded data to develop registration information;

a device for retrieving second information from a storage location identified by the registration information; and

a display for displaying a second image including second visible data representing the second information; the second image being positioned relative to the first image based on the registration information such that an observer, by using the display, sees the first visible data of the first image and the second visible data of the second image spatially related to the first visible data of the first image.

Claim 2 (Previously presented): A method for displaying registered information using embedded data, comprising:

capturing a first image of a substrate having first visible data and embedded data embodied thereon;

decoding the embedded data to develop registration information;

PATENT

retrieving second information from a storage location identified by the registration information; and

displaying a second image including second visible data representing the second information; the second image being positioned relative to the first image based on the registration information such that an observer sees the second visible data of the second image spatially related to the first visible data of the first image.

Claim 3 (Previously presented): The apparatus of claim 1, wherein the registration information includes a location on the substrate.

Claim 4 (Previously presented): The apparatus of claim 1, wherein the registration information includes an orientation of the substrate.

Claim 5 (Previously presented): The method of claim 2, wherein the decoding step further comprises decoding the embedded data to identify a location on the substrate.

Claim 6 (Previously presented): The method of claim 2, wherein the decoding step further comprises decoding the embedded data to identify an orientation of the substrate.

Claim 7 (Previously presented): The apparatus of claim 1 wherein the display includes an optical device positioned relative to the substrate to enable an observer to view the first image on the substrate through the optical device; the display displaying the second image in the optical device in order to spatially relate the second visible data in the second image to the first visible data in the first image.

PATENT

Claim 8 (Previously presented): The apparatus of claim 7 wherein the optical device is a lens.

Claim 9 (Previously presented): The apparatus of claim 7 wherein the optical device is a semitransparent mirror.

Claim 10 (Previously presented): The apparatus of claim 1 wherein the first image having first visible data and the second image including second visible data are projected onto a projection surface such that an observer sees a composite image of the first and second visible data formed by the second image overlaid and registered with the first image.

Claim 11 (Previously presented): The method of claim 1 wherein the second image is the same size as the first image.

Claim 12 (Currently Amended): The method of claim 1 wherein the second image is larger than the first image.

Claim 13 (Currently Amended): A method for displaying registered information using embedded data, comprising:

capturing a first image of a substrate having first visible data and embedded data embodied thereon;

decoding the embedded data to develop registration information; and

displaying a second image including second visible data; the second image being positioned relative to the first image based on the registration information such that an observer, by using a display, sees the first visible data of the first image and the

PATENT

second visible data of the second image spatially related to the first visible data of the first image.